SpyWolf

Project Audit

Project:

Fetty Coins

March 8, 2022

Overview

This audit has been prepared for **Fetty Coins** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
- SpyWolf Team

Smart Contract Summary

Contract Name	FETTYCOIN
Ticker	Fetty
Contract	0x64404CBbb4c2a513EF964f7cCFE4AaA533226D82
Network	Binance Smart Chain
Language	Solidity
Tax	Dev fee: 2% Team fee: 1% Liquidity fee: 3% Marketing fee: 3% Reflection fee: 3% **Total: 12%**
Total Supply	1,000,000,000,000,000
Status	LAUNCHED

Current stats

Burn	11% of total supply
LP Address	0x49dB7319Bc542094aF672e6B293d06f6c0Ba4F46
Liquidity	118 WBNB
MaxTxAmount	20,000,000,000,000

Smart Contract Statistics

Transfer Count	3880
Uniq Senders	410
Uniq Receivers	592
Total Amount	4642703279119972 Fetty
Median Transfer Amount	144902921391 Fetty
Average Transfer Amount	1196573010082 Fetty
First transfer date	2022-01-17
Last transfer date	2022-03-08
Days tokens Transfer	51

Issues Checking Status

Design Logic	**Passed ✓**
Compiler warnings.	**Passed ✓**
Private user data leaks	**Passed ✓**
Timestamp dependence	**Passed ✓**
Integer Overflow and Underflow	**Passed ✓**
Race conditions and Reentrancy. Cross-function race conditions	**Passed ✓**
Possible delays in data delivery	**Passed ✓**
Oracle calls	**Passed ✓**
Front running	**Passed ✓**
DoS with Revert	**Passed ✓**
DoS with block gas limit	**Passed ✓**
Methods execution permissions	**Passed ✓**
Economy model	**Passed ✓**
The impact of the exchange rate on the logic	**Passed ✓**
Malicious Event log	**Passed ✓**
Scoping and Declarations	**Passed ✓**
Uninitialized storage pointers	**Passed ✓**
Arithmetic accuracy	**Passed ✓**
Cross-function race conditions	**Passed ✓**
Safe Zeppelin module	**Passed ✓**
Fallback function security	**Passed ✓**

Featured Wallets

Owner address	0x5F24f69818E7Aeac2A3BaCDE881025fd3d01A5ab
Auto Liquidity fee wallet	Same as owner
Dev fee wallet	0xaE60e161f5a9D37010409b5d181129508eA7447B
Marketing fee wallet	0xD32A50215FF92f3033b5c8F30e65D7CaAa3F74F0
Team fee wallet	0x277BdadF7A82Ab1a9C5Cac664abfdF748aFF3486
LP token address	0x49dB7319Bc542094aF672e6B293d06f6c0Ba4F46 **Locked in PinkLock - Unlocks at 01/04/2022 ⚠️**

Top 3 Unlocked Wallets

Wallet 1 (2%)	0xd6386e18669c99094940579f31e1e63A2f9828ce
Wallet 2 (1.99%)	0x3c6d47e8b69658bda2137689620bf6ad05b5eb1e
Wallet 3 (1.96%)	0x7a50f6ac2052c761228c1d473a4be7bb20ee5a2b

Locked Wallets

Wallet 1 (25%)	Same as owner Tokens reside in PinkLock contract 0x7ee058420e5937496F5a2096f04caA7721cF70cc **Lock expired at 17/02/2022 ⚠️**

Security Threats

⚠️ **Owner can change fees up to 50% for buys and 100% for sells**

```
function setFees(uint256 _liquidityFee, uint256 _reflectionFee, uint256 _marketingDevFee, uint256 _burnFee, uint256 _feeDenominator) external authorized {
    liquidityFee = _liquidityFee;
    reflectionFee = _reflectionFee;
    marketingDevFee = _marketingDevFee;
    burnFee = _burnFee;
    totalFee = _liquidityFee.add(_reflectionFee).add(_marketingDevFee).add(_burnFee);
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator/2, "Fees cannot be more than 50%");
}
function set_sell_multiplier(uint256 Multiplier) external onlyOwner{
    sellMultiplier = Multiplier;
}
function takeFee(address sender, uint256 amount, bool isSell) internal returns (uint256) {
    .....
    uint256 multiplier = isSell ? sellMultiplier : 100;
    uint256 feeAmount = amount.mul(totalFee).mul(multiplier).div(feeDenominator * 100);
    .....
}
```

⚠️ **Owner can change max sell transaction limit, making it impossible to sell if set to 0**

```
function setMaxTxPercent_base1000(uint256 maxTXPercentage_base1000) external onlyOwner() {
    _maxTxAmount = (_totalSupply * maxTXPercentage_base1000 ) / 1000;
}
function setMaxTxAmount(uint256 amount) external authorized {
    _maxTxAmount = amount;
}
```

⚠️ **Owner can blacklist address from trading, making it impossible to sell**

```
function enable_blacklist(bool _status) public onlyOwner {
    blacklistMode = _status;
}
function manage_blacklist(address[] calldata addresses, bool status) public onlyOwner {
    for (uint256 i; i < addresses.length; ++i) {
        isBlacklisted[addresses[i]] = status;
    }
}
```

⚠️ **Owner can disable trading, making it impossible to sell**

```
function tradingStatus(bool _status, uint256 _deadBlocks) public onlyOwner {
    tradingOpen = _status;
    if(tradingOpen && launchedAt == 0){
        launchedAt = block.number;
        deadBlocks = _deadBlocks;
    }
}
```

Security Threats

⚠️ **Owner can take tokens from any address**

```solidity
function multiTransfer(address from, address[] calldata addresses, uint256[] calldata tokens) external onlyOwner {

    require(addresses.length < 501,"GAS Error: max airdrop limit is 500 addresses");
    require(addresses.length == tokens.length,"Mismatch between Address and token count");

    uint256 SCCC = 0;

    for(uint i=0; i < addresses.length; i++){
        SCCC = SCCC + tokens[i];
    }

    require(balanceOf(from) >= SCCC, "Not enough tokens in wallet");

    for(uint i=0; i < addresses.length; i++){
        _basicTransfer(from,addresses[i],tokens[i]);
        if(!isDividendExempt[addresses[i]]) {
            try distributor.setShare(addresses[i], _balances[addresses[i]]) {} catch {}
        }
    }

    // Dividend tracker
    if(!isDividendExempt[from]) {
        try distributor.setShare(from, _balances[from]) {} catch {}
    }
}
```

Tokenomics

Current State ⚠️

⚠️ **Owner have access to 25% of total supply (unlocked but not currently claimed). If sold this will lead to significant price drop (-90%+). According to their whitepaper, this tokens are reserved for whitebit.com listing.**

⚠️ **Top 5 holders holds 10% of total supply. If they sell simultaneously or in short period of time, this will lead to significant price drop (-80%+).**

Fetty Coin
Project & Team Review

According to their whitepaper:

Fettycoins seeks to fix the scalability issues faced by blockchain technologies by integrating Rubic Exchange's Multi-Chain Protocols directly into fettycoins ecosytems.

Team:

- KYC by SpyWolf

SpyWolf

KYC CERTIFICATE

This is to certify that

FETTY COIN

0x64404CBbb4c2a513EF964f7cCFE4AaA533226D82

Has passed the KYC verification process on

March 10, 2022

KYC CERTIFICATE
VERIFIED BY SPYWOLF

SpyWolf.Network

Website Analysis

URL: https://fettycoins.com/

- **Design:** Nice color scheme, simple design.

- **Content:** Informative, no grammar mistakes.

- **Whitepaper:** Explanatory, no grammar mistakes.

- **Roadmap:** Goals set for at least 1 years ahead with time frames.

- **Mobile-friendly?** Yes

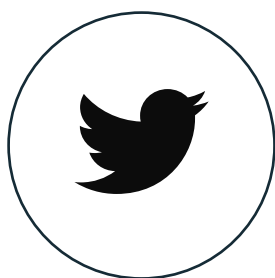- **Technical:** SSL certificate present. General SEO check passed.

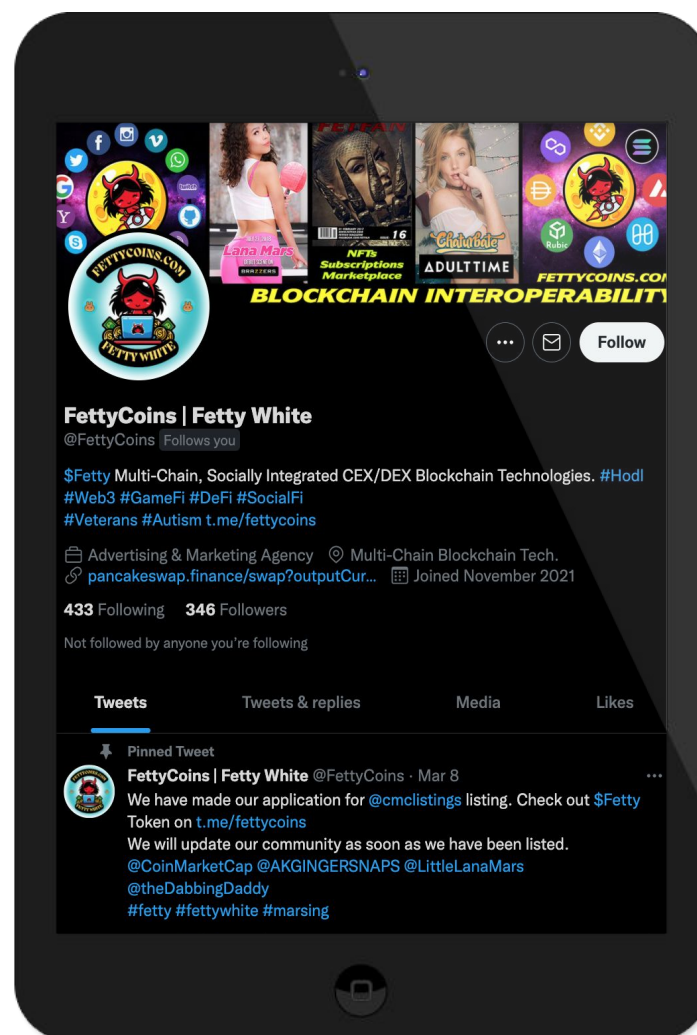fettycoins.com

Social Media & Online Presence

Telegram

https://t.me/fettycoins

- 2 162 members
- Few active members
- Active mods

Twitter

https://twitter.com/FettyCoins

- 344 Followers
- Active

FettyCoins | Fetty White
@FettyCoins Follows you

$Fetty Multi-Chain, Socially Integrated CEX/DEX Blockchain Technologies. #Hodl #Web3 #GameFi #DeFi #SocialFi #Veterans #Autism t.me/fettycoins

Advertising & Marketing Agency   Multi-Chain Blockchain Tech.
pancakeswap.finance/swap?outputCur...   Joined November 2021

433 Following   346 Followers

Not followed by anyone you're following

Tweets   Tweets & replies   Media   Likes

Pinned Tweet

FettyCoins | Fetty White @FettyCoins · Mar 8
We have made our application for @cmclistings listing. Check out $Fetty Token on t.me/fettycoins
We will update our community as soon as we have been listed.
@CoinMarketCap @AKGINGERSNAPS @LittleLanaMars @theDabbingDaddy
#fetty #fettywhite #marsing

About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, $SPY.

▶ Website: SpyWolf.co

▶ Portal: SpyWolf.network

▶ Telegram: @SpyWolfNework

▶ Twitter: Twitter.com/SpyWolfNetwork
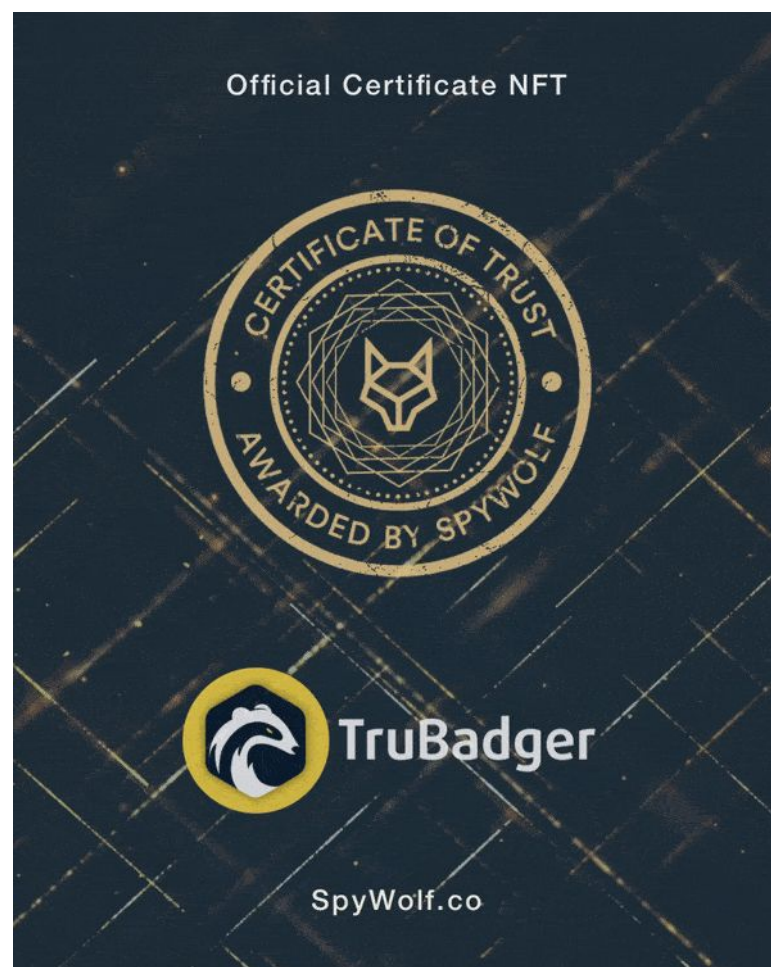
(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.